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PHOTOGRAPHIC INTERPRETATION REPORT

NPIC/R-1316/64

August 1964

MISSION COVERAGE INDEX



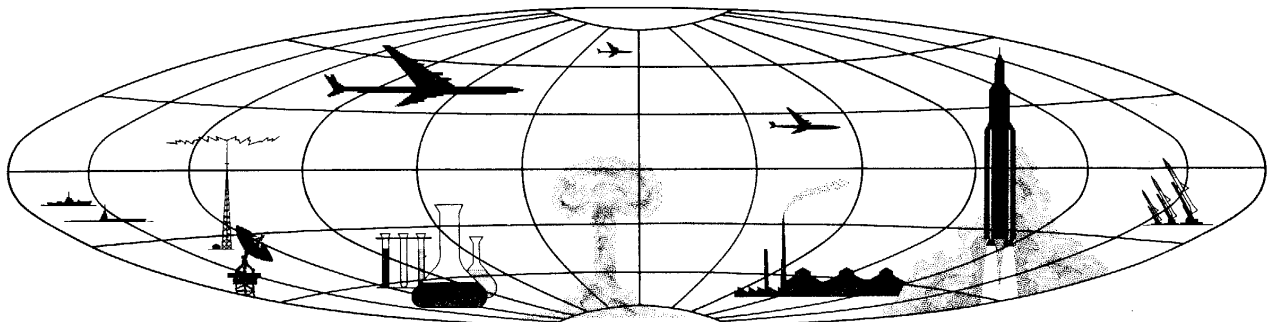
CIA



DIA

25X1D

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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GROUP 1
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downgrading and declassification



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PREFACE

THIS MISSION COVERAGE INDEX (MCI) LISTS THE INTELLIGENCE TARGETS IMAGED ON THE PHOTOGRAPHY

25X1D

1 AUGUST 1964 COVERING LAOS. ITEMS ARE ARRANGED IN THREE SECTIONS --

SECTION I PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

SECTION II PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO APPARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION. THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE MISSION NUMBER, PREFIXED BY THE LETTERS NAC AND APPEARING AS THE LAST ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE DETERMINED ARE LISTED UNDER THIS SECTION.

SECTION III PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED.

TARGETS IN EACH SECTION ARE ARRANGED 1) BY COUNTRY, 2) WITHIN THE COUNTRY ACCORDING TO SUBJECT, 3) WITHIN THE SUBJECT BY WAC AREA, AND 4) WITHIN THE WAC AREA BY GEOGRAPHIC COORDINATES IN ASCENDING ORDER. AN

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EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES USED IN PRESENTING THE INFORMATION IS CONTAINED IN THE APPENDIX. THE MAP BASE USED (WHEN AVAILABLE) FOR THE DERIVATION OF COORDINATES IN THIS MCI IS THE LATEST EDITION OF THE AMS SERIES L509, SCALE 1/250,000 AND L004, 1/50,000.

THE USER OF THIS MCI IS CAUTIONED THAT THE SCAN OF PHOTOGRAPHY WAS ACCOMPLISHED IN A RELATIVELY SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL TECHNIQUES COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, ADDITIONAL, DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

SECTION I

THIS SECTION PROVIDES SHORT DESCRIPTIONS FOR NEWLY IDENTIFIED TARGETS AND PREVIOUSLY REPORTED TARGETS SHOWING CHANGE, AND ALSO PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>AIR INSTALLATIONS</p> <p>BAN THA, LANDING STRIP</p> <p>APPROXIMATELY 0.5 NM EAST OF BAN THA.</p> <p>650 X 75 FT NNE/SSW GRADED EARTH LANDING STRIP, SERVICEABLE.</p> <p>A POSSIBLE STRONGPOINT CONSISTING OF A CIRCULAR TRENCH WITH 3 POSSIBLE AW POSITIONS IS LOCATED AT THE SSW END OF THE LANDING STRIP.</p> <p>AIRCRAFT -- SINGLE-ENGINE, HIGH-WING LIAISON. (SEE ATTACHMENT 1)</p> <p>[REDACTED]</p> <p>25X1D</p> <p>MILITARY INSTALLATIONS</p> <p>BAN KHANG PHA NIEN NHAY, AAA SITE</p> <p>0.8 NM NE OF BAN KHANG PHA NIEN NHAY.</p> <p>EIGHT-GUN AAA SITE CONTAINS 8 POSSIBLE 14.5 MM ZPU OBSERVED JUST NORTH OF ROUTE 7.</p> <p>EXTENSIVE TRACK ACTIVITY OBSERVED AT THE SITE.</p> <p>TWO 4-GUN UNOCCUPIED AAA SITES OBSERVED, ONE NE AND THE OTHER SW OF THE 8-GUN SITE. (SEE ATTACHMENT 2)</p> <p>[REDACTED]</p> <p>25X1D</p> <p>BAN KEN, AAA SITES</p> <p>FIFTEEN AAA SITES IN BAN KEN AREA.</p> <p>SITE A (UTM [REDACTED]) -- OCCUPIED 4-GUN LIGHT AAA SITE.</p> <p>25X1D</p>	<p>1944N 10335E</p> <p>1930N 10351E</p> <p>1934N 10340E</p>	<p>0617</p> <p>0617</p> <p>0617</p>		<p>159-E</p> <p>446-B</p> <p>480-B</p>

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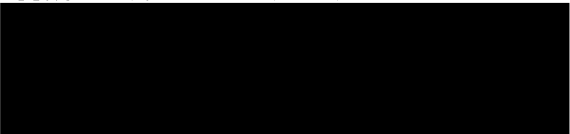

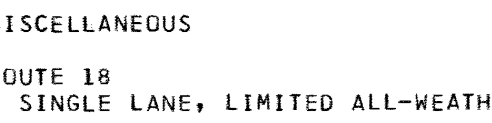
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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
SITE B (UTM UG605655) -- UNOCCUPIED 4-GUN LIGHT AAA SITE.				
SITE C (UTM UG604657) -- UNOCCUPIED 4-GUN LIGHT AAA SITE.				
SITE D (UTM UG603652) -- 11-GUN, 2 POSITIONS POSSIBLY OCCUPIED, LIGHT AAA SITE.				
SITE E (UTM UG590660) -- OCCUPIED 4-GUN LIGHT AAA SITE.				
SITE F (UTM UG596662) -- OCCUPIED 4-GUN LIGHT AAA SITE.				
SITE G (UTM UG588659) -- OCCUPIED 7-GUN POSSIBLE 57 MM AAA SITE WITH POSSIBLE PUAZO DIRECTOR.				
SITE H -- NOT OBSERVED.				
SITE I (UTM UG598667) -- UNOCCUPIED 4-GUN LIGHT AAA SITE.				
SITE J (UTM UG621654) -- IDENTIFICATION ONLY.				
SITE K -- NOT OBSERVED.				
SITE L -- NOT OBSERVED.				
SITE M (UTM UG622655) -- IDENTIFICATION ONLY.				
SITE N (UTM UG599662) -- UNOCCUPIED 4-GUN				

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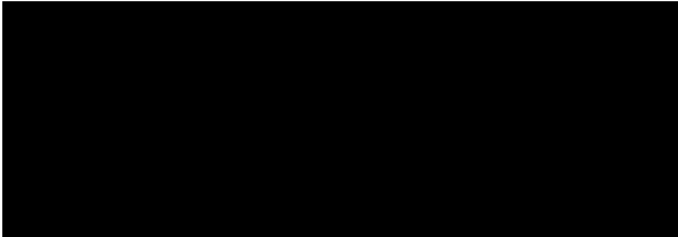

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
LIGHT AAA SITE. SITE D (UTM UG593661) -- UNOCCUPIED 4-GUN LIGHT AAA SITE. 	25X1D			
ATTOPEU AREA, MILITARY AREAS FIVE AREAS IN ATTOPEU VICINITY. NO APPARENT CHANGE IN FACILITIES SINCE MISSION  SIXTY-FIVE TROOPS OBSERVED IN AREA C.	1448N 10656E	0738		101-A
	25X1D			
BAN HAT SATI AREA, STRONGPOINT APPROXIMATELY 1.8 NM WSW OF BAN HAT SATI. CIRCULAR STRONGPOINT ON BOTH SIDES OF ROUTE 16 COMPRISES APPROXIMATELY 40 SMALL BUILDINGS ENCLOSED BY A TRENCH SYSTEM. 	1453N 10648E	0738		101-H
	25X1D			
MISCELLANEOUS ROUTE 18 SINGLE LANE, LIMITED ALL-WEATHER, NATURAL	N E			

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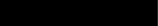

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>SURFACE, SERVICEABLE ROAD OBSERVED FROM 14-03N 106-34E TO 14-49N 106-49E. SMALL FORD OBSERVED AT 14-48N 106-46E. A FORTIFIED AREA AND ROAD BLOCK OBSERVED AT 14-46N 106-44E.</p> 	25X1D			
<p>ROUTE 7 SINGLE-LANE, LIMITED ALL-WEATHER, NATURAL SURFACE, SERVICEABLE ROAD OBSERVED FROM 19-35N 103-37E TO 19-34N 103-42E. BRIDGE AT UTM UG601658 IS SINGLE-LANE, DECK-TYPE, 3-SPAN, SERVICEABLE. (THREE BOMB CRATERS IN VICINITY OF BRIDGE, ONE 275 YDS WNW OF BRIDGE ON NORTH EDGE OF ROUTE 7, ANOTHER 200 YDS NW, AND THE THIRD 250 YDS SSE.) BRIDGE AT UTM UG618656 IS SINGLE-LANE, DECK-TYPE, 3-SPAN, SERVICEABLE.</p> 	N E	0617		
<p>ROUTE 16 SINGLE LANE, LIMITED ALL-WEATHER, NATURAL SURFACE, SERVICEABLE ROAD OBSERVED FROM</p>	N E	0738		

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
14-49N 106-49E TO 15-02N 106-52E. NUMEROUS WATER-FILLED POTHOLES. ONE CARGO TRUCK OBSERVED AT 14-50N 106-47E ON MISSION  	25X1D			
25X1D				

SECTION II

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH REFLECT NO AP-
PARENT CHANGE IN FACILITIES FROM THE MOST ADEQUATE PREVIOUS DESCRIPTION.
THE MCI IN WHICH THIS DESCRIPTION APPEARS IS DESIGNATED BY THE APPROPRIATE
MISSION NUMBER, PREFIXED BY THE LETTERS "NAC" AND APPEARING AS THE LAST
ENTRY ON THE PHOTO REFERENCE LINE. MILITARY INSTALLATIONS WHERE THERE IS
NO SIGNIFICANT CHANGE IN FACILITIES AND WHERE NO ORDER OF BATTLE CAN BE
DETERMINED ARE LISTED UNDER THIS SECTION.

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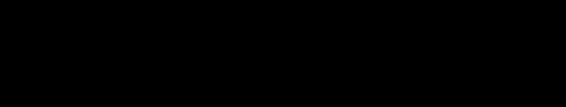
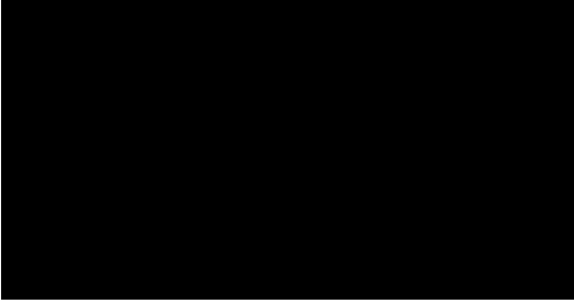
Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
-LAOS-				
AIR INSTALLATIONS				
BAN KHAI AREA, LANDING STRIP [REDACTED] 25X1D	1932N 10254E	0617		478-C
ATTOPEU AIRFIELD [REDACTED] 25X1D	1448N 10649E	0738	25X1A [REDACTED]	101
MILITARY INSTALLATIONS				
BAN KHAI AREA, MILITARY CAMP AND STRONGPOINTS [REDACTED] 25X1D	1933N 10254E	0617		478-E
BAN SOUTOUAT AREA, MILITARY ACTIVITY [REDACTED] 25X1D	1442N 10639E	0738		101-G
MUONG MAY, MILITARY CAMP [REDACTED] 25X1D	1448N 10651E	0738		101-B

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ATTOPEU AREA, STRONGPOINT  25X1D	1448N 10655E	0738		101-I
ATTOPEU STRONGPOINTS NW  25X1D	1450N 10647E	0738		101-J

SECTION III

THIS SECTION PROVIDES A LISTING OF THOSE TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED .

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>MILITARY INSTALLATIONS</p> <p>MUONG SOUI AREA, MILITARY AREAS</p> <p>[REDACTED]</p> <p>25X1D</p>	1932N 10253E	0617		478-B

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to

WAC. For example, there is an NPIC target number 0499-15-A and an NPIC target number 0498-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semi-darkness); O (obliquity); and PQ (poor image quality).

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